



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/821,703 Confirmation No. 1543  
Applicant : Michael T. Parker  
Filed : April 9, 2004  
TC/A.U. : 2858  
Examiner : John Teresinski  
Docket No. : 381-27-058  
Customer No. : 23935

Title : Arc Detection Method Utilizing a Dynamic  
Processing Module (As Amended)

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE**

Sir:

In response to the Office Action mailed on June 29, 2006,  
please amend the above-identified application as follows:

**AMENDMENTS TO THE SPECIFICATION** begin on page 2 of this paper.

**AMENDMENTS TO THE CLAIMS** are reflected in the Listing of the  
Claims shown beginning on page 3 of this paper.

**AMENDMENTS TO THE DRAWINGS** begin on page 7 of this paper and  
include two new sheets.

**REMARKS AND ARGUMENTS** begin on page 8 of this paper.

An **APPENDIX** including new drawing figures is attached  
following page 11 of this paper.